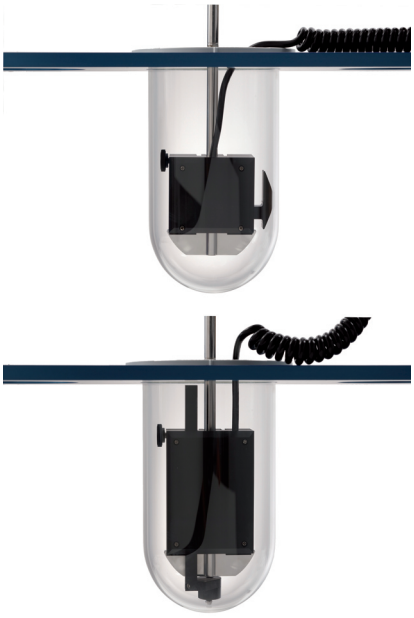
DATA SHEET

5010 Height/Center Qualification Station

The Agilent 5010 Height/Center Qualification Station for dissolution apparatus provides pharmaceutical laboratories with fast and convenient measurements of shaft centerline and paddle or basket height.

Key Benefits

- **Fast and accurate.** Spend less time performing mechanical qualification. Get instantaneous digital readings for shaft centering and paddle or basket height measurement.
- **Reproducible.** Eliminate misreading associated with manual tools, which are difficult to read within the dissolution apparatus. Digital sensors ensure consistent results.
- **Compliant.** Be confident knowing that your measurements will be accurately obtained to document conformance with USP, FDA and ASTM standards for mechanical qualification of dissolution apparatus.
- **Convenient and portable.** This rechargeable, battery-operated instrument allows you to quickly move from one apparatus to the next. The non-volatile memory can store critical information for up to 30 dissolution apparatus.



Centering measurment (top) and height measurement (bottom) taken with the Agilent 5010.

The Agilent 5010 Height/Center Qualification Station provides accurate and reproducible calibration of any dissolution apparatus built to allow access to the stirring elements and vessels during operation.

Reliable Physical Parameter Verification

The electronic measurement system digitally determines shaft centerline offset and paddle/basket height for improved accuracy over manual gauges. There is no need for technicians to interpret distances or rely on visual estimation common with manual gauges.

The Agilent 5010 utilizes NIST-calibrated, portable sensors, which easily mount on the shafts and allow accurate and precise recording of individual paddle and basket heights, as well as centerline measurements for the vessel.

Comprehensive Record Keeping

The Agilent 5010 stores critical test-specific information, including:

- Apparatus serial number
- Shaft ID
- Basket ID
- Vessel ID
- Vessel position

Memory Capacity

The 5010 uses non-volatile memory to store measurements on each position for up to 30 dissolution apparatus with a maximum of eight vessels per apparatus.

Easily Viewable Results and Hard Copy Printouts

The clearly visible LCD panel displays results to ± 0.1 mm when measurements are performed. View completed results on the LCD display or obtain hardcopy printouts using the on-board printer.

Verification of Physical Parameters

The combination of the Agilent 5010 and the QAII C Mechanical Qualification Station provides verification of all critical physical parameters necessary to comply with the Mechanical Qualification requirements from the USP, FDA and ASTM.

5010 Specifications

Altitude	0 - 2000 m (0 - 6562 ft.)
Temperature	5 to 40 °C
Humidity (non-condensing)	Not more than 80% RH
Voltage requirements	115 V / 60 Hz 230 V / 50 Hz
Current requirements	115 V–1.0 Amp 230 V–1.0 Amp
Fuse requirements	115 V–1.0 Amp, 5 mm x 20 mm FAST 230 V–1.0 Amp, 5 mm x 20 mm FAST
Height range	22.0 - 28.0 mm
Height accuracy	± 0.1 mm
Centerline range	0.0 - 3.0 mm
Centerline accuracy	± 0.1 mm
Battery	7.2-volt
Memory	Up to 30 apparatus at 8 vessels per apparatus
Printer	Impact
Dimensions	Height: 18.5 cm (7.25 in.) Width: 24.1 cm (9.5 in.) Depth: 19.7 cm (7.75 in.)
Equipment weight	3 kg (6.6 lb)

Ordering Information

Product Description	Part Number
Agilent 5010, 115 V and 230 V, includes gauges and accessories	12-0540
Carrying case, hard plastic with cutouts for instrument and gauges	12-0531

To learn more about Dissolution Testing,
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